

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): James Stasiak et al

Confirmation No.:

Application No.: Unassigned

Examiner: Unassigned

Filing Date: Herewith

Group Art Unit:

Title: Nanometer-Scale Semiconductor Devices And Method Of Making

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

(X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

() under 37 CFR 1.97(c) together with either a:
() Statement under 37 CFR 1.97(e), or
() a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

() under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e)(1) or (2), and
() a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

James Stasiak et al

By Donald J. Coulman

Donald J. Coulman

Attorney/Agent for Applicant(s)
Reg. No. 50,406

Date: 09-22-03

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I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231

By Donald J. Coulman

Typed Name: Donald J. Coulman

FORM PTO-1449	ATTY. DOCKET NO. 100201346-5	APPLICATION NO.	CONFIRMATION NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT James Stasiak, et al		
(Use several sheets if necessary)	FILING DATE Herewith	GROUP	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A 5772905	Jun 30, 1998	Chou	
	1B 6069380	May 30, 2000	Chou, et al	
	1C 6103540	Aug 15, 2000	Russell, et al	
	1D 6165911	Dec 26, 2000	Calveley	
	1E 6190929	Feb 20, 2001	Wang, et al	
	1F 6197641	Mar 06, 2001	Hergenrother, et al	
	1G 6248674	Jun 19, 2001	Kamis, et al	
	1H 2002/0008280	Jan 24, 2002	Armacost, et al	
	1I 6348388	Feb 19, 2002	Faltermeier, et al	
	1J 6375870	Apr 23, 2002	Visovsky, et al	
	1K 2002/0060338	May 23, 2002	Zhang	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Vieu-C et al. "Electron beam lithography, resolution limits and applications", 'Surface Science in Micro- and Nanotechnology', Applied Surface Science vol.164, pages 111-17, Sept 01, 2000
1R	Hirai-Y et al. "Nano-imprint lithography for single electron tunneling devices using novel mold" Japan Soc. Appl. Phys., IEEE Electron Device Soc., In pages 122-123, 1999
1S	Hirai-Y et al. "Novel mold fabrication for nano-imprint lithography to fabricate single-electron tunneling devices", Japanese Journal of Applied Physics- Part-1, vol 38, No. 128, pages 7272-7275 Dec 1999

EXAMINER

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	2A 4272744	Jun 09, 1981	Schuegraf	
	2B 5138408	Aug 11, 1992	Ando	
	2C 5285081	Feb 08, 1994	Ando	
	2D 5475341	Dec 12, 1995	Reed	
	2E 5937295	Aug 10, 1999	Chen, et al	
	2F 5990516	Nov 23, 1999	Mamose, et al	
	2G 6090666	Jul 18, 2000	Ueda, et al	
	2H 6103540	Aug 15, 2000	Russell, et al	
	2I 6128216	Oct 03, 2000	Noble, Jr., et al	
	2J 6153534	Nov 28, 2000	Long, et al	
	2K 6168979	Jan 02, 2001	Kim, et al	

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	2L					
	2M					
	2N					
	2O					
	2P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

2Q	Hirai-Y, et al "Nano chamber fabrication on acrylic plate by direct nano imprint lithography using quartz mold", 2001 Int'l conference. pages 104-105
2R	
2S	

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	3A	6248674	Jun 19, 2001	Kamins, et al	
	3B	6256767	Jul 03, 2001	Kuekes, et al	
	3C	6261938	Jul 17, 2001	Kuekes, et al	
	3D	6264450	Sep 25, 2001	Chen, et al	
	3E	6319566	Nov 20, 2001	Polanyi, et al	
	3F	6375870	Apr 23, 2002	Visovsky, et al	
	3G	6518156	Feb 11, 2003	Chen, et al	
	3H	6518189	Feb 11, 2003	Cou	
	3I	6534414	Mar 18, 2003	Wang, et al	
	3J	6544846	Apr 08, 2003	Ahn, et al	
	3K	6559648	May 06, 2003	Baumgaertl, et al	

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4A	HO001570	Aug 1996	Lux, et al	
4B	6559468	May 06, 2003	Kuekes, et al	
4C				
4D				
4E				
4F				
4G				
4H				
4I				
4J				
4K				

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4S	
EXAMINER	DATE CONSIDERED